

December 6, 2001

Storm Water Treatment Technologies



A CALTRANS
**STORM
WATER
QUALITY
WORKSHOP**

Agenda

8:30 a.m. **Registration – Light Refreshments**
9:15 a.m. **Welcome and Program Overview**
Christine Harris
Workshop Manager, Harris & Company
Steve Borroum, PE
*Storm Water Program Manager,
Caltrans Division of Environmental Analysis*

RETROFIT PILOT AND LITTER TREATMENT DEVICE PERFORMANCE

9:30 a.m. **The Caltrans Experience**
Moderator: Ken Smarkel, Ph.D., PE
*Water Quality Engineer,
Caltrans Division of Environmental Analysis*
Speaker: Scott Taylor P.E., *RBF Consulting*
Speaker: Mike Barrett, Ph.D., PE
*Associate Director,
University of Texas Center for Research in
Water Resources*
Speaker: Byron J. Berger, PE
*Transportation Engineer,
Caltrans Division of Environmental Analysis*
Session Expert: Edward F. Othmer, PE
*Principal Engineer,
Law Crandall*

10:45 a.m. **15-minute break: Refreshments**

VECTORS IN TREATMENT FACILITIES

11:00 a.m. **Vector Production Study and Design
Modifications to Reduce Vectors**
Moderator: Dean F. Messer, Ph.D., *Larry Walker Associates*
Speaker: Vicki Kramer, Ph.D.
*Chief, Vector-Borne Disease Section,
California Department of Health Services*
Speaker: Marco E. Metzger, Ph.D.
*Associate Public Health Biologist,
Vector-Borne Disease Section,
California Department of Health Services*
Session Expert: Mike Devine, REHS
*Supervising Vector Ecologist,
San Diego County Vector Surveillance and
Control Program*

INFILTRATION TECHNOLOGY

11:45 a.m. **Practical Experiences and Constraints – “What
works, what doesn’t, and why”**
Moderator: Ken Smarkel, Ph.D., PE
*Water Quality Engineer,
Caltrans Division of Environmental Analysis*
Speaker: Brian Currier, PE
*Research Engineer,
University of California, Davis,
Center for Environmental and Water Resource
Engineering*
Speaker: Kenneth D. Kerri, Ph.D., PE
*California State University Sacramento,
Office of Water Programs*
Speaker: Matt A. Yeager, M.S.
*Environmental Specialist,
Los Angeles Regional Water Quality
Control Board*
Session Expert: Alan Hofmann, PE
*Assistant District Engineer
Fresno Metropolitan Flood Control District*

12:30 p.m. **Lunch – to be catered at the workshop Visit
Poster Areas**

1:00 p.m. **Discussion Groups (continue lunch) – Poster
Displays**
Workshop participants will gather at designated
room locations to inquire about the issues presented
in the morning. You are encouraged to engage our
speakers and session experts who will answer your
questions and present ideas for further thought.
Poster displays at each discussion station will
describe the ongoing work in treatment technology.

Treatment Device Performance

Ken Smarkel, *Moderator*

Vectors in Treatment Facilities

Dean Messer, *Moderator*

Infiltration Technology

Brian Currier, *Moderator*

2:30 p.m. **Discussion Group Summaries, Workshop
Observations and Evaluation**

Christine Harris

Workshop Manager, Harris & Company

Steve Borroum

*Storm Water Program Manager,
Caltrans Division of Environmental Analysis*